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Pat nt 2828

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Phoenix, Arizona

**Applicant:** Hoki Kwon. **Group:** 2881.  
**Serial No.:** 10/078474 **Examiner:** t.b.d.  
**Filed:** 2-21-2002 **Atty Docket No.:** V637 02769  
US  
**For:** LONG WAVELENGTH VCSEL GROWN BY MOCVD USING  
ALPSB/GAPSB AS BOTTOM MIRROR AND GAAS/AL(GA) AS  
TOP MIRROR

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In accordance with Applicants' duty of disclosure under 37 C.F.R. §1.56, you will find attached hereto form PTO-1449, listing information which may be material to the patentability of this application, previously filed.

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2. Form PTO-1449, List of Prior Art Cited by Applicant, citing 1 U.S. patent, 0 Foreign patents and 10 publications.

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Sheet	2	Of	2
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<b>Application Number</b>	10/078,474
<b>Filing Dat</b>	February 21, 2002
<b>First Named Inventor</b>	Hoki Kwon
<b>Group Art Unit</b>	2881
<b>Examiner Name</b>	t.b.d.
<b>Attorney Docket Number</b>	V637 02769 US

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This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, Washington, DC, 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. **SEND TO: Commissioner for Patents, Washington, DC, 20231.**

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